

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
21 April 2005 (21.04.2005)

PCT

(10) International Publication Number  
**WO 2005/035248 A2**

- (51) International Patent Classification<sup>7</sup>: B41F (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/IL2004/000948
- (22) International Filing Date: 14 October 2004 (14.10.2004)
- (25) Filing Language: English (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (26) Publication Language: English
- (30) Priority Data: 158458 16 October 2003 (16.10.2003) IL
- (71) Applicant (for all designated States except US): LUBARTECH LTD. [IL/IL]; Omer Industrial Park, 84965 Omer (IL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): BAR-YONA, Itzhak [IL/IL]; 17B Rabbi Yichia Avitz Street, 48039 Rosh HaAyin (IL).
- (74) Agents: LUZZATTO, Kfir et al.; P.O. Box 5352, 84152 Beer Sheva (IL).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/035248 A2

(54) Title: LENTICULAR PRINTER

(57) **Abstract:** Method and system for obtaining automatic alignment of interlaced images to a lenticular sheet and adaptation between the pitch distance thereof. An interlaced file that includes digital data that comprises linear orientation and pitch distance data and corresponds to linear frames of two different images is obtained. A lenticular sheet is provided on the flat face of which at least two different images are intended to be printed, while obtaining linear orientation and pitch distance thereof. The digital data of the interlaced file is modified, so that the orientation and pitch distance of the linear frames match the orientation and pitch distance of the lenticular sheet. Then the modified digital data is printed on the lenticular sheet.